

METHOD FOR TREATMENT OF SILICONE
EMULSION WASTE BY CHEMICAL ADDITION

ABSTRACT OF THE DISCLOSURE

A method for treating silicone emulsion waste includes the steps of adding base chemical materials to the silicone emulsion waste in an amount effective to cause separating of the silicone emulsion waste. The added chemicals separate the silicone emulsion waste into silicone oil and an emulsion-free water. The components
5 can be separated, with the silicone oil laden liquid being sent to an incinerator and the emulsion-free water being sent to a wastewater treatment plant. The base chemicals can include sodium hydroxide, sodium carbonate, sodium chloride and/or combinations thereof. To enhance separating of the silicone emulsion waste, the
10 silicone emulsion waste can be heated prior to the addition of the chemicals. Also, by recycling the treated water and adding the same to the silicone emulsion waste and base chemicals separation of the silicone emulsion waste can be enhanced.